FIFO (First In – First Out)

send

receive

Queue

message

Sender
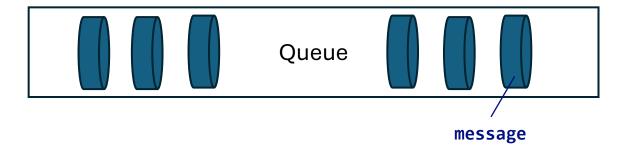
Receiver

```python
class Queue(object):
    def __init__(self):
        self.lock = threading.Lock()
        self.messages = []

    def send(self, message):
        with self.lock:
            self.messages.insert(0,message)

    def receive(self):
        with self.lock:
            if len(self.messages) > 0:
                return self.messages.pop()
            return None
```